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TTCTTCCTCCCGGTGTCTGTGTGTATGTGCCAATTTTTGTGCTGGGGGTCATTGGCAAT
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                                                                                                                          February 13, 2004, 16:56:37; Search time 82 Seconds (without alignments) 3924.004 Million cell updates/sec
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                                                                                                                                                                                                                                                         1 atggaaaaacttcagaatgc......cactcagagtgagtatctag
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/cgm2 6/ptodata/2/ina/5B COMB.seq:*
/cgm2 6/ptodata/2/ina/6A COMB.seq:*
/cgm2 6/ptodata/2/ina/6B COMB.seq:*
/cgm2 6/ptodata/2/ina/PcTMS COMB.seq:*
/cgm2 6/ptodata/2/ina/PcTMS comB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-170-496D-113
US-09-170-496D-223
US-09-077-674-6
US-09-077-674-6
US-09-077-674-6
US-09-170-496D-87
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US-09-170-496D-87
US-09-177-675A-9
US-09-077-675A-1
US-09-077-675A-1
US-09-077-675A-1
US-09-077-675A-1
US-09-077-675A-1
US-09-077-675A-1
US-09-077-675A-1
US-09-077-675A-1
US-08-086-439C-2
US-08-434-877-2
US-08-437-742-3
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US-08-475-742-3
US-08-26-551-17
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                                                                                                                                                                                                                                                                                                                                                                    569978 seqs, 220691566 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                    OM nucleic - nucleic search, using sw model
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No.
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1466 1 US-07-928-611-19 Sequence 19, Appl 1466 2 US-08-487-811A-19 Sequence 19, Appl 1466 3 US-09-066-694-19 Sequence 19, Appl 1466 4 US-09-378-074-19 Sequence 19, Appl 1466 5 PCT-US93-0770-19 Sequence 19, Appl 1610 1 US-09-016-434-1276 Sequence 176, Appl 1610 1 US-09-056-051-5 Sequence 27, Appl 1610 1 US-09-060-694-21 Sequence 21, Appl 1610 3 US-09-077-678-15 Sequence 21, Appl 1629 3 US-09-077-678-15 Sequence 3, Appli 1629 3 US-09-077-678-15 Sequence 15, Appl 1629 3 US-09-077-678-15 Sequence 15, Appl 1629 3 US-09-077-678-14 Sequence 14, Appl 3129 4 US-09-077-678-14	ALIGNMENTS	SULT 1 Sequence 1, Application US/09545944 Sequence 1, Application US/09545944 Batent No. 6461836 GENERAL INFORMATION: APPLICANT: AMES. ROBERT APPLICANT: MICHALOVICH, DAVID APPLICANT: MICHALOVICH, DAVID APPLICANT: SARAU, HENRY APPLICANT: SARAU, HENRY APPLICANT: SARAU, HENRY APPLICANT: WANTEN, LISA TITLE OF INVENTION: MOLECULAR CLONING OF A 7TM RECEPTOR TITLE OF INVENTION: MOLECULAR CLONING METHODS THEREOF FILE REPERENCE: GAYORS 1 CURRENT APPLICATION NUMBER: US/09/545,944 CURRENT PILING DATE: 1999-11-05 RIOR APPLICATION NUMBER: US 09/435,384 PRIOR FILING DATE: 1999-11-05 RYDRES OF EQ ID NOS: 5 SOFTWARE: FastSEQ for Windows Version 3.0 LENGTH: 1248 TYPE: DNA CREANIEM: HOMO SAPIENS 1-09-545-944-1	98.5%; Score 717.8; DB 4; Length 1248; ity 99.7%; Pred. No. 2.3e-149; servative 0; Mismatches 2; Indels 0; Gaps	atggadaracticagarigcitcctggatctrccaggagaarctagaagatccattccag 	aarcacctgaacagcaccgaggagtatctggccttcctctgcggacctcggggcaacacac
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11111111111111111111111111111111111111		SULT 1 -09-545-944-1 Sequence 1, Applished by the sequence 1, Applicant SAPLICANT: SAPLICANT: SAPLICANT: SAPLICANT: SAPLICANT: SAPLICANT: OF INVENTITILE OF INVENTITILE OF INVENTITILE OF INVENTITILE OF INVENTITILE OF INVENTITILE OF INVENTITING INVENTITING INVENTITING INVENTITING PRIOR PILING PROCHAMBER OF SEQ II SOFTWARE: FASES SEQ ID NO 1 LENGTH: 1248 TYPE: DNA CORANISM: HOMO ORGANISM: HOMO ORGANI	Query Match Best Local Similarity Matches 719; Conservat		61
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Sequence

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us-09-684-725-1.rni

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Sequence 113, Application US/09170496D
Patent No. 655539
Patent No. 655530
GENERAL INFORMATION:
APPLICANT: Behan, Dominic P.
APPLICANT: Day. Chen W.
TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-
TITLE OF INVENTION: Receptors
TITLE REPERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: Patentin version 3.1
SEQ ID NO 113
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214 GGGCCCCAGCAGACAGAGCTGTTCATGCCCATGTGTGCCACATACCTGCTGATCTTCGTG 273
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US-09-170-496D-113
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APPLICANT: Zhang, Jia-
APPLICANT: Zhang, Jia-
APPLICANT: Wang, Jia-
APPLICANT: Wang, Jia-
APPLICANT: Xue, Aidong Ju.
APPLICANT: Xue, Chongjun
APPLICANT: Dramanac, Radoje T.
TITLE OF INVENTION: No. 6436703e1 Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 790CIP2A
CURRENT APPLICATION NUMBER: US/09/668,680
CURRENT APPLICATION NUMBER: 09/649,167
PRIOR PILING DATE: 2000-09-22
PRIOR FILING DATE: 2000-09-23
PRIOR FILING DATE: 2000-03-31
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38.7%; Score 282.4; DB 4;
Best Local Similarity 66.0%; Pred. No. 1.5e-53;
Matches 409; Conservative 0; Mismatches 211;
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SOFTWARE: pt FL genes Version 2.0
SEQ ID NO 12
LENGTH: 1535
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Asundi, Vinod
Zhang, Jie
Wang, Jian-Rui
Xue, Aidong J.
Xu, Chongjun
Drmanac, Radoje T.
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Liu, Chenghua
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APPLICANT: Tang, Y.
APPLICANT: Liu, Cher
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LOCATION: (1)
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US-09-016-434-1346
i Sequence 1346, Application US/09016434
j Patent No. 6500938
j GENERAL INFORMATION:
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEGUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSE: INCYTE PHARMACEUTICALS, INC.
STREET: 3144 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 9431
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
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NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION: INFORMATION:
TELEPHONE: (650) 855-0555
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APPLICATION NUMBER:
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Sequence 223, Application US/09170496D
Sequence 223, Application US/09170496D
Sequence 223, Application Dominic P. APPLICANT: Chalmers, Derek T. APPLICANT: Chalmers, Derek T. APPLICANT: Liaw, Chen W. TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-TITLE OF INVENTION: Receptors
TITLE OF INVENTION: Receptors
FILE REFRERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT FILING DATE: 1998-10-13
NUMBER: OF SEQ ID NOS: 294
SOFTWARE: PatentIn version 3.1
SEQ ID NO 223
LENGTH: 1212
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Pred. No. 3.2e-53;
0; Mismatches 212;
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Best Local Similarity 65.8%;
Matches 408; Conservative (
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유 8 us-09-684-725-1.rni

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16.5%; Score 120.4; DB 3;
Best Local Similarity 52.3%; Pred. No. 6.1e-18;
Matches 290; Conservative 0; Mismatches 261;
                                         ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Vers-
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,675A
FILING DATE: 3-UNN-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Cocuzzo, Anna L.
REGISTRATION NUMBER: 42,452
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-1273
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                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
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ATTORNEY/AGENT INFORMATION:
NAME: Cocuzzo, Anna L.
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APPLICATION NUMBER:
CORRESPONDENCE ADDRESS
                                                                                                     CITY: LAC.
SIATE: NJ
COUNTRY: USA
COUNTRY: USA
TE: 07065-0900
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TOPOLOGY: linear
MOLECULE TYPE: cDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                642 CCAGGICACCTICCTATICTACCTCCCCCATGACTGICATCAGTGTCTCTACTA 701
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 4080;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 127; DB 4; Length 406
Pred. No. 2.7e-19;
0; Mismatches 270; Indels
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APPLICANT: Pai, Lee-Yuh
APPLICANT: Feighner, Scott C.
APPLICANT: Howard, Andrew D.
APPLICANT: Pong, Sheng-Shung
APPLICANT: Pong, Sheng-Shung
APPLICANT: Wan Der Ploeg, Leonardus H.1
TITLE OF INVENTION: RECEPTOR ASSAY
NUMBER OF SEQUENCES: 16
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TELEFAX: (650) 845-4166

INFORMATION FOR EGO ID NO: 1346:
SEQUENCE CHARACTERISTICS:
LENGTH: 4080 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
INWEDIATE SOURCE:
LIBRARY: GENBANK
LIBRARY: GENBANK
CLONE: 335020
US-09-016-434-1346
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                                 312 GCGCAACTACCCTTTCTTGTTCGGGCCCGTGGCTACTTCAAGACGGCCCTCTTGA 371
                                                                                                                                                                                                                                                                                                                 432 CATCCTACACCCGTTCCGCGCCAAACTGCAGAGCACCCGGGCGCGCGGGCCCTCAGGATCCT
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                                                                                            299 deagracegocoricgaactrodoccacererereraaacterrecaarresteafda
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Sequence 1148, Application US/09016434

Patent No. 6500938

GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
ITILE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
ITILE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: ALPLO ALPO
CITY: PALO ALPO
STATE: CALIFORNIA
COUNTRY: USA
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PRELICATION NUSER: US/09/016,434
FILING DATE: HEREWITH
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ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0002 US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (650) 855-0555
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INFORMATION FOR SEQ ID NO: 11-
SEQUENCE CHARACTERIETICS:
LENGTH: 1101 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    672 CCCCATGACTGTCA 685
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   122 cercacadeceaccrecereceacientericeresiserates residentes de 181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           182 geridéridereredegerredegageridegekécadokáchádoráhadoradokádar 241
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                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09077674

Patent No. 6531314

GENERAL INFORMATION:
APPLICANT: Arena, Joseph P.
APPLICANT: Cully, Doris F.
APPLICANT: Feighner, Scott D.
APPLICANT: Liberator, Paul A.
APPLICANT: Liberator, Paul A.
APPLICANT: Schaeffer, James M.
APPLICANT: Van Der Ploeg, Leonardus
TITLE OF INVENTION: GROWTH HORWONE SECRETAGOGUE RECEPTOR FAMILY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3;
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Best Local Similarity 52.3%; Pred. No. 6.1e-18;
Matches 290; Conservative 0; Mismatches 261;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTY: USA

ZIF: 07065-0900

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FastESE for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,674
FILING DATE: 3-UNN-1998
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING APPLICATION DATA:
APPLICATION NUMBER:
FILING APPLICATION NUMBER:
FILING APPLICATION NUMBER:
ATTORNEY/AGENT INPORMATION:
NAME: CCCUZZO, AND 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3: Merck & Co., Inc.
P.O. Box 2000, 126 E. Lincoln Ave
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: COCUZZO, ALMA L.
REGISTRATION NUMBER: 42,452
REFERENCE/DOCKET NUMBER: 19589P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-1273
TELEFAX: 732-594-4720
                                                                                                              672 CCCCATGACTGTCA 685
                                                                                                                                                                                659 TGTCTTCTGTCTCA 672
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                               RESULT 7
US-09-077-674-6
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APPLICANT: Chalmer's, Derek T.
APPLICANT: Chalmer's, Derek T.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-
TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT PILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: Patentin version 3.1
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Pred. No. 6.1e-18;
0; Mismatches 261;
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  Mismatches
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CORGANISM: Homo sapiens
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APPLICANT: Chalmers, Derek T.
TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-
TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN 0040
CURRENT FALLICALION NUMBER: US/09/170,496D
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SEQ ID NO 87
LENGTH: 1101
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Pred. No. 6.1e-18;
                                                                                                                                                     Score 120.4; DB 4;
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Patent No. 6555339
GENERAL INFORMATION:
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Best Local Similarity
                                                        CLONE: 91504140
US-09-016-434-1148
              IMMEDIATE SOURCE:
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APPLICANT: Van Der Ploeg, Leonardus
TITLE OF INVENTION: GROWTH HORMONE SECRETAGOGUE RECEPTOR
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
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Pred. No. 6.1e-18;
0; Mismatches 261;
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P.O. Box 2000, 126 E. Lincoln Ave
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APPLICANT: Arena, Joseph P.
APPLICANT: Cully, Doris F.
APPLICANT: Feighner, Scott D.
APPLICANT: Howard, Andrew D.
APPLICANT: Liberator, Paul A.
APPLICANT: Schaeffer, James M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 9, Application US/09077674
; Patent No. 6531314
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                                                                                                                           INFORMATION FOR SEQ ID NO: S
SEQUENCE CHARACTERISTICS:
LENGTH: 1122 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 52.3
Matches 290; Conservative
      732-594-4720
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             TELEFAX:
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US-09-077-674-9
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CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07055-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
COMPUTER: DISKETTE
COMPUTER: PASISEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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APPLICANT: Feighner, Scott C.
APPLICANT: Howard, Andrew D.
APPLICANT: Pong, Sheng-Shung
APPLICANT: Van Der Ploeg, Leonardus H.T.
TITLE OF INVENTION: RECEPTOR ASSAY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marck & Co., Inc.
STREET: P.O. BOX 2000, 126 E. Lincoln Ave
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         42,452
SER: 19590P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 42,452
REFERNCE/DOCKET NUMBER: 19
FELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-1273
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APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
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Local Similarity 52.2%; Pred. No. 1.5e-16;
les 302; Conservative 0; Mismatches 270; Indels
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Peighner, Scott C.
APPLICANT: Feighner, Scott C.
APPLICANT: Howard, Andrew D.
APPLICANT: Pong, Sheng-Shung
APPLICANT: Pong, Sheng-Shung
APPLICANT: Van Der Ploeg, Leonardus H.T.
ITLE OF INVENTION: RECEPTOR ASSAY
NUMBER OF SEQUENCES: 16
COMPASSONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 B. Lincoln Ave.
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SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/09/077,675A
FILING DATE: 3-UN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09077675A Patent No. 6242199
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ATTORNEY/AGENT INFORMATION:
NAME: COCUZZO, ANNA L.
REGISTRATION NUMBER: 42,452
REFERENCE/DOCKET NUMBER: 1955
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4720
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                           924 TGTCTTCTGTCTCA 937
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INFORMATION FOR SEQ ID NO: .:
SEQUENCE CHARACTERISTICS:
LENGTH: 1063 base pairs
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STRANDEDNESS: single
672 CCCCATGACTGTCA
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                                                                                                                                                                                                     RESULT 13
US-09-077-675A-1
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                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,674
FILING DATE: 3.-UUN-1998
CLASSIFICATION: 536
PRIOR APPLICATION 536
PRIOR APPLICATION DATA:
APPLICATION UWBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Cocuzzo, Anna L. REGISTRATION UNDRER: 42,452 REFERENCE/DOCKET NUMBER: 1958 TELECOMMUNICATION INFORMATION: TELEPHONE: 732-594-1273 TELEFAX: 732-594-4720 TELEX:
                                                                                                                     ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 1122 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Matches 290;
                                                                                        COUNTRY:
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                                                                                         Score 114; DB 4; Length 10 Pred. No. 1.5e-16; 0; Mismatches 270; Indels
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OPERATING SYSTEM: DOS
SUFTWARE: FastSED for Windows Version 2.0
SUGRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,675A
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P.O. Box 2000, 126 E. Lincoln Ave
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APPLICANT: Feighner, Scott C.
APPLICANT: Howard, Andrew D.
APPLICANT: Pong, Sheng-Shung
APPLICANT: Van Der Ploeg, Leonardus H.
TITLE OF INVENTION: RECEPTOR ASSAY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
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Patent No. 6242199
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COUNTRY: USA
ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
TYPE: DISKETTE
TYPE: DISKETTE
TYPE: DISKETTE
                                                                                              15.6%;
                                                                                              Query Match
Best Local Similarity 52.2
Matches 302; Conservative
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GENERAL INFORMATION:
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US-09-077-674-1
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APPLICANT: Cully, Doris F.
APPLICANT: Cully, Doris F.
APPLICANT: Feighner, Scott D.
APPLICANT: Howard, Andrew D.
APPLICANT: Liberator, Paul A.
APPLICANT: Schaeffer, James M.
APPLICANT: Van Der Ploeg, Leonardus
TITLE OF INVENTION: GROWTH HORMONE SECRETAGOGUE RECEPTOR FAMILY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
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SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,674
FILING DATE: 3-UUN-1998
CLASS/FICATION: 536
PRIOR APPLICATION NUMBER:
ATORNEY/AGENT INFORMATION:
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P.O. Box 2000, 126 E. Lincoln Ave
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US-09-077-674-1
Sequence 1, Application US/09077674
Patent No. 6531314
GENERAL INFORMATION:
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STREET: P.O. Box 2000, 126
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065-0900
COMPITER: READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPACIBLE
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SEQUENCE CHARACTERISTICS:
LENGTH: 1063 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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TELEFAX: 732-594-4720
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                                         828 eccreterreceicáciereireraraeceicáres 865
FILING DATE: 3-JUN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY AGRAT INFORMATION:
NAME: CCCUZZO, AUNA L.
REGISTRATION NUMBER: 42,452
REFERENCE/DOCKET NUMBER: 19590P
TELEPHONE: 732-594-173
TELEPHONE: 732-594-173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX:
INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
I.ENGTH: 1029 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-077-675A-4
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Search completed: February 13, 2004, 18:30:52 Job time : 84 secs

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February 13, 2004, 17:54:23; Search time 332 Seconds (without alignments) 8088.459 Million cell updates/sec
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1: /cgn2_6/ptodata/1/pubpna/USO7_FUBCOMB.seq:*
2: /cgn2_6/ptodata/1/pubpna/PCT_NEW PUB.seq:*
3: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*
4: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*
5: /cgn2_6/ptodata/1/pubpna/USO6_NEW PUB.seq:*
6: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
7/cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
8: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
9: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
11: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
12: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
13: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
14: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
15: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
16: /cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
17: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
18: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
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11: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
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18: /cgn2_6/ptodata/1/pubpna/USO8_NEW PUB.seq:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2449703 seqs, 1841816367 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                         - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200000000
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729
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Perfect score:
Sequence:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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			App1	App	Appl	Appl	Appl	Appl	Appl	Appl	Appl	lppli	Appl	Appl	App		
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1			32-9	25-5	17-8	12-9	33	10-1	10-1	16-4	16-1	33-6	33-1	33-1	51-3	51-3	25-5
			9-78	0-23	0-41	0-2	56-0	0-24	0-24	0-14	0-17	0-3	0-0	0-0	0-2	0-2	JS-10-225-567A-539
9		0	US-09-782-974C-17	JS-1	JS-1	US-10-272-983-11	35-1	JS-1	38-1	US-1	US-1	US-1	US-1	US-10-083-168-82	US-10-251-385-113	US-1	US-1
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US-10-290-078-16	-10-290-07	-90	-10 - 225	-10-290-078	-10-290-078-	US-10-417-820A-129	-10-417-820	-509-5	-10-305-	101-510-41	-10-101-510-75	-10-225-5	-10-1	ņ	-10-303-204A-	20-1	10-276-392-2	1-3	85-	3-2	-551B-2	-333-11	10-270-3	-10-303-204	-10-303-204	10-241-31	10-224-260	-10-224-260-19	US-10-305-720-1276
15	15	13	12	15	15	12	12	13	12	13	13	15	13	13	13	12	13	15	15	13	σ	15	15	13	13	15	15	15	12
1212	1212	1239	1239	1239	1239	9	2040	1257	4080	4131	4131	4131	4144	870	1088	1101	1101	1101	1101	1122	1258	1287	4314	1063	1029	36	1370	46	1504
38.5		ω.	18.5	8	8			٠.			17.4	17.4	17.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.4	16.4	16.4	15.6	15.4	15.4		15.4	15.4
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16	17	18	19	20	21	. 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	3.7	38	33	40	41	42	43	44	45

ALIGNMENTS

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RESULT

US-09-782-974C-17/C

Sequence 17, Application US/09782974C

Sequence 17, Application US/09782974C

Sequence 17, Application No. US20030082534A1

SEQUENCAL INFORMATION:

APPLICANT: Wood, Linds S.

APPLICANT: Wood, Linds A.

APPLICANT: Wood, Linds A.

APPLICANT: Barodi, Luis A.

APPLICANT: Barodi, Luis A.

APPLICANT: Barodi, Luis A.

APPLICANT: Barodi, Luis A.

APPLICANT: No. US20030082534A1e1 G Protein Coupled Receptor

FILE PRINCE APPLICANTON NUMBER: 06/05/82,974C

CURRENT APPLICANTON NUMBER: 06/15,838

PRIOR APPLICANTON NUMBER: 06/156,938

PRIOR APPLICANTON NUMBER: 06/156,071

PRIOR APPLICANTON NUMBER: 06/156,071

PRIOR APPLICANTON NUMBER: 06/166,071

PRIOR FILING DATE: 1999-11-17

PRIOR APPLICANTON NUMBER: 06/166,078

PRIOR PLING DATE: 1999-12-28

PRIOR APPLICANTON NUMBER: 06/166,78

PRIOR APPLICANTON NUMBER: 06/166,78

PRIOR APPLICANTON NUMBER: 06/166,78

PRIOR APPLICANTON NUMBER: 06/166,78

PRIOR APPLICANTON NUMBER: 06/185,524

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PRIOR APPLICANTON NUMBER: 06/186,530

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Pred. No. 5.8e-195;
0; Mismatches 2;
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US-10-417-820A-11
Sequence 11, Application US/10417820A; Publication No. US20030229216A1
GENERAL INFORMATION:
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION WUMBER: 60/257,144
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 2292
SOFTWARE: Patentin version 3.1
SEQ ID NO 556
LENGTH: 1239
                                                                                                                                                       98.5%;
99.7%;
                                                                                                                                                       Query Match
Best Local Similarity 99.7
Matches 719; Conservative
                                                                                               TYPE: DNA
ORGANISM: Homo sapiens
US-10-225-567A-556
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Pred. No. 3.2e-198;
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Publication No. US20030113798A1
GENERAL INPORMATION:
APPLICANT: LifeSpan Biosciences
APPLICANT: Brown, Joseph P.
APPLICANT: Burmer, Glenna C.
APPLICANT: Roush, Christine L.
TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIGENER PREPERENCE: 1920-4-4
CURRENT APPLICATION NUMBER: US/10/225,567A
                                                                                      0; Mismatches
                                                           100.0%;
                                                      Query Match
Best Local Similarity 100.
Matches 729; Conservative
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     ; TYPE: DNA
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US-09-782-974C-17
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US-10-225-567A-556
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FILE REFERENCE: ARENONOS
CURRENT APPLICATION NUMBER: US/10/272, 983
CURRENT FILING DATE: 2002-10-17
PRIOR FILING DATE: 1999-10-12
PRIOR PLING DATE: 1999-10-12
PRIOR PLING DATE: 1999-10-12
PRIOR PLING DATE: 1999-10-12
PRIOR PLING DATE: 1999-0-16
PRIOR PLING DATE: 1999-0-16
PRIOR PLING DATE: 1999-0-2-6
PRIOR PLING DATE: 1999-0-2-6
PRIOR APPLICATION NUMBER: 60/121, 851
PRIOR APPLICATION NUMBER: 60/123, 946
PRIOR PLING DATE: 1999-0-2-6
PRIOR PLING DATE: 1999-0-2-8
PRIOR PLING DATE: 1999-0-3-8
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APPLICANT: Liaw, Chen W.
APPLICANT: Lin, I. Lin
III. OF INVENTION: Human Orphan G Protein Coupled Receptors
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Publication No. US20030148450A1
GENERAL INFORMATION:
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Best Local Similarity 99.7
Matches 719; Conservative
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LENGTH: 1248
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APPLICANT: Chen, Ruoping
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Chalmers, Bevin
APPLICANT: Chalmers, Derek T.
APPLICANT: Behan, Dominic P.
ITILE OF INVENTION: Constitutively Activated Human G Protein Coupled
TITLE OF INVENTION: Receptors
FILE REFERENCE: 7.0528.COM
CURRENT APPLICATION WINDER: US/10/417,820A
CURRENT FILING DATE: 2003-04-16
PRIOR FILING DATE: 1998-10-13
PRIOR APPLICATION WINDER: 60/120,436
PRIOR PRIOR DATE: 1998-10-13
PRIOR PILING DATE: 1998-10-13
PRIOR PILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-16
PRIOR FILING DATE: 1999-02-26
PRIOR PRIOR DATE: 1999-02-16
PRIOR PRIOR DATE: 1999-03-12
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Pred. No. 5.9e-195;
0; Mismatches 2;
PRIOR FILING DATE: 1999-03-12
PRIOR APPLICATION NUMBER: 60/136,436
PRIOR FILING DATE: 1999-05-28
PRIOR FILING DATE: 1999-05-28
PRIOR FLING DATE: 1999-05-28
PRIOR PPLICATION NUMBER: 60/136,439
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CORGANISM: Homo sapiens
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                                                                                                                            CTCAGGATCCTCGGCATCGTCTGGGGCTTCTCCCGTGCTCTTCTCCCTGCCCAACACCAGC
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                                       AAACACCTGAACAGCACCGAGGAGTATCTGGCCTTCCTCTGCGGACCTCGGCGCGCCAC
                                                                                                                                                                                                                                                CTCTTCAGCCTGGCGGTCTCTGACCTCCTGGTCCTGCTCCTTGGAATGCCCCTGGAGGTC
                                                                                                                                                                                                                                                                                                                                 TATGAGATGTGGCGCAACTACCCTTTCTTGTTCGGGCCCGTGGGCTGCTACTTCAAGACG
        AAACACCTGAACAGCACCGAGGAGTATCTGGCCTTCCTCTGCGGACCTCGGCGCCAC
                                                                                       TTCTTCCTCCCCGTGTCTGTGTGTATGTGCCAATTTTTGTGGTGGTGGTCATTGGCAAT
                                                                                                                                                                        GICCIGGIGICCIGGIGATICIGCAGCACCAGGCTAIGAAGACGCCCACCAACTACTAC
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Sequence 11, Application US/10393807

Publication No. US20330175891A1

GENERAL INFORMATION:
APPLICANT: Chen, Ruoping

APPLICANT: Liaw, Chen N.
APPLICANT: Liaw, Chen N.
TILE OF INVENTION: Human Orphan G Protein Coupled Receptors

TILE OF INVENTION: Human Orphan G Protein

TILE OF INVENTION: Human Orphan G Protein

CURRENT APPLICATION NUMBER: US/10/393,807

CURRENT FILING DATE: 2003-03-21

PRIOR FILING DATE: 1999-10-12

PRIOR FILING DATE: 1999-10-12

PRIOR APPLICATION NUMBER: 60/120,416

PRIOR FILING DATE: 1999-02-16

PRIOR APPLICATION NUMBER: 60/123,946

PRIOR APPLICATION NUMBER: 60/123,946

PRIOR FILING DATE: 1999-03-12

PRIOR FILING DATE: 1999-03-12

PRIOR APPLICATION NUMBER: 60/123,946

PRIOR FILING DATE: 1999-03-12

PRIOR FILING DATE: 1999-03-12
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US-10-240-145-10

US-10-240-145-10

Sequence 10, Application US/10240145

Publication No. US20030235883A1

GENERAL INFORMATION:

APPLICANT: Hyseq, Inc

TITLE OF INVENTION: NOVEL

CURRENT FILING DATE: 2002-09-27

CURRENT FILING DATE: 2002-09-27

PRIOR PPLICATION NUMBER: 09/649,167

PRIOR PILING DATE: 2000-08-23

PRIOR PILING DATE: 2000-08-23

PRIOR PILING DATE: 2000-08-22

PRIOR PILING DATE: 2000-09-22

PRIOR PILING DATE: 2000-09-22

PRIOR PILING DATE: 2000-09-23

PRIOR PILING DATE: 2000-10-23

PRIOR PILING DATE: 2000-10-3

PRIOR FILING DATE: 2000-10-3

PRIOR FILING DATE: 2000-10-3

SEQ ID NOS: 172

SEQ ID NOS: 172

LUMBER OF SEQ ID NOS: 172

LUMBER: LOSTON
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66.0%; Pred. No. 1.9e-70;
tive 0; Mismatches 211;
                                                                                                                                          703 CTCATGGCACTCAGAGTGAG 722
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Best Local Similarity 66.0%
Matches 409; Conservative
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ORGANISM: Homo sapiens
FEATURE:
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US-10-240-145-10
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                                                                                                                                                                     Score 282.4; DB 12; Length
Pred. No. 1.9e-70;
0; Mismatches 211; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 38.7%;
Best Local Similarity 66.0%;
Matches 409; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-145-96
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APPLICANT: Tang, Y: Tom
APPLICANT: Liu, Chenghua
APPLICANT: Liu, Chenghua
APPLICANT: Liu, Chenghua
APPLICANT: Drmanao, Jie
APPLICANT: Drmanao, Radoje T.
TITLE OF INVENTION: No. US20030092112A1e1 Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 790CIP2ADIV2
CURRENT APPLICATION NUMBER: US/10/146,123
CURRENT FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 09/68,680
PRIOR PILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: pt_T_Genes Version 2.0
SEQ ID NO 12
LENGTH: 1535
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Sequence 12, Application US/10146123

; Publication No. US20030092112A1

; GENERAL INFORMATION:
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ORGANISM: Homo sapiens
FEATURE:
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; LOCATION: (1)..(1338)
US-10-146-123-12
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                TCCCTGCCCAACACAGCATCCATGGCATCAAGTTCCACTACTTCCCCAATGGGTCCCTG 582
                                                                                                 TCCCTGCCCAACACCAGCCTGCACGGCATCCGGCAGCTGCACGTGCCCTGCCGGGGCCCA 693
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APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Liu, Chenghua
APPLICANT: Liu, Chenghua
TAPLICANT: Drmanac, Jde
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030087370Alel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 790CIPZADIVI
CURRENT APPLICATION NUMBER: US/10/146,419
CURRENT FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR PILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-03-31
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PLENGTHE DATE: 2000-03-31
SEQ ID NO 12.
LENGTH: 1535
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Pred. No. 1.9e-70;
0; Mismatches 211; Indels
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Publication No. US20030087370A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 60/404,904
PRIOR FILING DATE: 2002-08-21
PRIOR APPLICATION NUMBER: 60/405,450
PRIOR FILING DATE: 2002-08-23
Remaining Prior Application data removed - 8
NUMBER OF SEQ ID NOS: 126
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 1212
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Publication No. US20030023069A1
GENERAL INFORMATION:
APPLICANT: Liaw, Chen W.
APPLICANT: Chalmers, Derek T.
APPLICANT: Behan, Dominic P.
APPLICANT: Behan, Dominic P.
APPLICANT: Leonard, James N.
APPLICANT: Leonard, James N.
APPLICANT: Ortuno, Daniel
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Sequence 9, Application US/10353690

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APPLICANT: Lin, I-Lin

ITILE OF INVENTION: Endogenous And No. US20030023069Al-Endogenous, Constitutively Act

ITILE OF INVENTION: Receptors

FILS REFERENCE: AREN-0320

CURRENT APPLICATION NUMBER: US/10/083,168

CURRENT FILING DATE: 2002-02-26

NUMBER OF SEQ ID NOS: 102

SOFFWARE: Patentin version 3.1

SEQ ID NO 82

LENGTH: 1212
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Pred. No. 5.1e-70;
0; Mismatches 212;
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US-10-083-168-82
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US-10-251-385-113
US-10-251-385-113
Sequence 113, Application US/10251385
Publication No. US20030105292A1
GENERAL INFORMATION:
APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
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                      APPLICANT: Lin, I-Lin
TITLE OF INVENTION: Endogenous And No. US20030023069A1-Endogenous, Constitutively i
TITLE OF INVENTION: Receptors
FILE REFERENCE: ARRN-032.
FILE REFERENCE: ARRN-032.
CURRENT APPLICATION NUMBER: US/10/083,168
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 1212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 280.8; DB 15;
Pred. No. 5.1e-70;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches 212;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Liaw, Chen W.
APPLICANT: Chalmers, Derek T.
APPLICANT: Behan, Dominic P.
APPLICANT: Maciejewski-Lenior, Dominique
APPLICANT: Leonard, James N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 12
US-10-083-168-82
'Sequence 82, Application US/10083168
'Publication No. US20030023069A1
'GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CTCATGGCACTCAGAGTGAG 722
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65.8%;
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Best Local Similarity 65.8
Matches 408; Conservative
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ORGANISM: Homo sapiens
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TITLE OF INVENTION: No. US20030105292Al-Endogenous, Constitutively Activated Human ITILE OF INVENTION: No. US20030105292Al-Endogenous, Constitutively Activated Human ITILE OF INVENTION: Receptors
TITLE OF INVENTION: Receptors
FILE SPERENCE: AREN-0040
CURRENT FILING DATE: 2002-09-20
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: PatentIn version 3:1
SEQ ID NO 223
LENGTH: 1212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 163 GIGGGGGICATIGGCAAIGICCIGGIGGICGIGGIGATICIGCAGCACCAGGCIATGAAG
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Pred. No. 5.1e-70;
0; Mismatches 212; Indels
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Sequence 539, Application US/10225567A

Publication No. US20030113798A1

GENERAL INFORMATION:
APPLICANT: LifeSpan Biosciences

APPLICANT: Brown, Joseph P.
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     TITLE OF INVENTION: No. US20030105292A1-Endogenous, Constitutively Activated in TITLE OF INVENTION: No. US20030105292A1-Endogenous, Constitutively Activated in TITLE OF INVENTION: Receptors
FILE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/10/251,385
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/09/170,496
PRIOR PILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: Patentin version 3.1
SEQ ID NO 113
LENGTH: 1212
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Publication No. US20030105292A1
GENERAL INFORMATION:
APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
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US-10-251-385-113
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APPLICANT: Burmer, Glenna C.

APPLICANT: Burmer, Glenna C.

TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS FILE REFERENCE: 1920-4-4

CURRENT APPLICATION NUMBER: US/10/225,567A

CURRENT PILING DATE: 2001-12-19

PRIOR PILING DATE: 2000-12-19

PRIOR FILING DATE: 2000-12-19

SOFTWARE: PEACHLIN VERSION 3.1

SEQ ID NO 539

LENGTH: 1212
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Sequence 18, Appl	~	-			Sequence 10, Appl	-	Sequence 224, App		Sequence 18, Appl	Sequence 53, Appl		Sequence 26, Appl	Sequence 114, App	Sequence 17, Appl
SUMMERLES	ΩI	US-09-782-974C-18	US-10-225-567A-557	US-10-272-983-12	US-10-393-807-12	US-10-417-820A-12	US-10-353-690-10	US-10-251-385-114	US-10-251-385-224	US-10-225-567A-540	US-10-290-078-18	US-10-240-145-53	US-10-240-145-139	US-09-804-551B-26	US-10-270-333-114	US-10-314-076-17
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	% Query Match Length DB	249	412	415	415	415	403	403	403	403	403	445	445	419	428	595
	% Query Match	99.1	99.1	99.1	99.1	99.1	53.9	53.9	53.9	53.9	53.9	53.6	53.6	33.1	33.1	27.9
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ALIGNMENTS

	G Protein Coupled Receptor	- See File Wrapper or PALM.
2-97 Se 1 Se 1 Se 1 Se 1 Se 1 Se 1 Se 1 Se 1	TITLE OF INVENTION: NO. US20030082334Alel- FILE FREEENCE: 411USPHRM311 CURRENT APPLICATION NUMBER: US/09/782,974C CURRENT FILING DATE: 2002-09-04 PRIOR APPLICATION NUMBER: 60/165,838 PRIOR FILING DATE: 1999-11-16 PRIOR PLING DATE: 2000-11-16 PRIOR PLING DATE: 2000-11-16 PRIOR PLING DATE: 2000-11-16 PRIOR PLING DATE: 2000-11-16 PRIOR FILING DATE: 2000-11-16 PRIOR FILING DATE: 2001-11-17 PRIOR FILING DATE: 1999-11-17 PRIOR APPLICATION NUMBER: 60/166,678 PRIOR FILING DATE: 1999-11-19 PRIOR APPLICATION NUMBER: 60/166,678 PRIOR APPLICATION NUMBER: 60/166,678 PRIOR PRIOR DATE: 1999-11-19 PRIOR APPLICATION NUMBER: 60/173,396 PRIOR PLING DATE: 1999-12-28 PRIOR PLING DATE: 1999-12-28	FILING DATE: APPLICATION N FILING DATE: APPLICATION N FILING DATE: APPLICATION N FILING DATE: ning Prior App R OF SEQ ID NC ARE: PATE: NO 18 TH: 249

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APPLICANT: Chen, Ruoping
APPLICANT: Lin, Lin,
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ITIE ROY INVENTION: Human Orphan G Protein Coupled Receptors
FILE REFERENCE: ARENOGS.
CURRENT FILING DATE: 1002-10-17
FRIOR APPLICATION NUMBER: 06/109,213
FRIOR APPLICATION NUMBER: 06/109,213
FRIOR APPLICATION NUMBER: 06/109,213
FRIOR APPLICATION NUMBER: 06/120,416
FRIOR FILING DATE: 1999-10-20
FRIOR FILING DATE: 1999-10-20
FRIOR PELING DATE: 1999-03-12
FRIOR APPLICATION NUMBER: 06/123,946
FRIOR FILING DATE: 1999-03-12
FRIOR PELING DATE: 1999-03-12
FRIOR APPLICATION NUMBER: 06/136,436
FRIOR FILING DATE: 1999-05-28
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FRIOR PELING DATE: 1999-05-28
FRIOR SPELICATION NUMBER: 06/136,439
FRIOR PELING DATE: 1999-05-28
FRIOR PELING DATE: 1999-05-28
FRIOR SEQ ID NOS: 74
SOFTWARE: PATENTIN VUMBER: 06/136,439
FRIOR PELING DATE: 1999-05-28
FROM PARCET PROPERTY PERIOR PELING PELING DATE: 1999-05-28
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Pred. No. 2e-116;
1; Mismatches 0; Indels 0
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APPLICANT: Dang, Huong T.
APPLICANT: Liaw, Chen W.
APPLICANT: Lin, 1-Lin TITLE OF INVENTION: Human Orphan G Protein Coupled Receptors
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             Sequence 12, Application US/10272983
Publication No. US20030148450A1
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Best Local Similarity 99.6
Matches 239; Conservative
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                                                                                    GENERAL INFORMATION
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; Publication No. U520030113798A1
; Publication No. U520030113798A1
; Publication No. U520030113798A1
; Publication No. U520030113798A1
; APPLICANT: LifeSpan Biosciences
; APPLICANT: Burmer, Glenna C.
; APPLICANT: Burmer, Glenna C.
; APPLICANT: Roush, Christine L.
; TILLE REFERENCE; 1920-4-4
; CURRENT APPLICATION NUMBER: US/10/225,567A
; CURRENT PILING DATE: 2001-12-19
; PRIOR PAPLICANION NUMBER: 60/257,144
; PRIOR FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 2292
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 557
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99.1%; Score 1252; DB 15; Length 412;
Best Local Similarity 99.6%; Pred. No. 2e-116;
Matches 239; Conservative 1; Mismatches 0; Indels 0
                                                                                    Score 1252; DB 11; Length 249;
Pred. No. 1.1e-116;
0; Mismatches 2; Indels 0
                                                                                              99.14
                                                                                                                                                               Matches 240; Conservative
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ORGANISM: Homo sapiens
US-10-225-567A-557
; ORGANISM: Homo sapiens
US-09-782-974C-18
                                                                                        Query Match
Best Local Similarity
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Best Local Similarity
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| SI 244
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Query Match
Best Local Similarity 99.6
Matches 239; Conservative
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US-10-353-690-10
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Publication No. US20030229216A1

Publication No. US20030229216A1

Publication No. US20030229216A1

APPLICANT: Chen, Ruoping

APPLICANT: Liaw, Chen W.

APPLICANT: Lowitz, Kevin

APPLICANT: Lowitz, Kevin

APPLICANT: Chalmers, Derek T.

APPLICANT: Chalmers, Derek T.

APPLICANT: Behan, Dominic P.

TITLE OF INVENTION: Receptors

FILE REPERENCE: 7. US28.CON

CURRENT APPLICATION NUMBER: US/10/417,820A

CURRENT APPLICATION NUMBER: 09/416,760

PRIOR FILING DATE: 1999-10-12

PRIOR FILING DATE: 1999-10-12

PRIOR FILING DATE: 1998-10-13

PRIOR FILING DATE: 1998-10-13

PRIOR FILING DATE: 1098-10-13

PRIOR FILING DATE: 1000-1000

PRIOR FILING DATE: 1000-1000

PRIOR FILING DATE: 1000-1000

PRIOR FILING DATE: 1000-1000

PRIOR PLILING DATE: 000-1000

PRIOR PLILING DATE: 000-1000

PRIOR PLILING DATE: 0000-1000

PRIOR PRIOR PLILING DATE: 0000-1000

PRIOR PRIOR APPLICATION NUMBER: 60/110,060
CURRENT PILLING DATE: ACENULDS.
CURRENT PILLING DATE: 2003-03-21
PRIOR APPLICATION NUMBER: US/10/393,807
CURRENT FILLING DATE: 2003-03-21
PRIOR FILLING DATE: 1999-10-12
PRIOR PELICATION NUMBER: US/09/417,044
PRIOR PELICATION NUMBER: 60/120,416
PRIOR PELING DATE: 1999-02-16
PRIOR PELING DATE: 1999-02-16
PRIOR PELING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: 60/121,951
PRIOR APPLICATION NUMBER: 60/123,946
PRIOR PELING DATE: 1999-03-12
PRIOR PELING DATE: 1999-03-12
PRIOR PELING DATE: 1999-03-12
PRIOR PELING DATE: 1999-03-12
PRIOR PELING DATE: 1999-05-28
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Pred. No. 2e-116;
1; Mismatches 0; Indels 0
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99.6%;
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Best Local Similarity 99.6
Matches 239; Conservative
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, ORGANISM: Homo sapiens
US-10-393-807-12
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APPLICANT: Galvin, Xatherine M. APPLICANT: Galvin, Xatherine M. APPLICANT: Galvin, Xatherine M. APPLICANT: Galvin, Xatherine M. APPLICANT: Healy, Aileen APPLICANT: Acton, Susan L. APPLICANT: Acton, Susan L. APPLICANT: Donoglue, Mary APPLICANT: Stagliano, Nancy APPLICANT: Stagliano, Nancy APPLICANT: Stagliano, Nancy APPLICANT: Rodrigue-May, Amelie Gase using 1682, 6169, 6193, 7771, 14395, TITLE OF INVENTION: Cartiovascular disease using 1682, 6169, 6193, 7771, 14395, TITLE OF INVENTION: 20002, 33216, 43320, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32492, 26156, 32156, 3155, TITLE OF INVENTION: 263, 2554, 9464, 17799, 26686, 413848, 32135, 12208, 2914, TITLE OF INVENTION: 51130, 19489, 21833, 2917, 59590, 15992, 2094, 2252, 3474, TITLE OF INVENTION: NPINER: US/10/353,690

CURRENT FILING DATE: 2003-01-29

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-02-01
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PRIOR APPLICATION NUMBER: 60/120,416
PRIOR APPLICATION NUMBER: 60/120,416
PRIOR PILING DATE: 1999-02-16
PRIOR PELICATION NUMBER: 60/121,852
PRIOR PELICATION NUMBER: 60/109,213
PRIOR APPLICATION NUMBER: 60/103,944
PRIOR APPLICATION NUMBER: 60/123,944
PRIOR PELICATION NUMBER: 60/123,945
PRIOR PILING DATE: 1999-03-12
PRIOR PELICATION NUMBER: 60/123,948
PRIOR APPLICATION NUMBER: 60/123,948
PRIOR APPLICATION NUMBER: 60/123,948
PRIOR APPLICATION NUMBER: 60/123,951
PRIOR APPLICATION NUMBER: 60/123,951
PRIOR PILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
PRIOR FILING DATE: 1999-03-12
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Pred. No. 2e-116;
1; Mismatches 0; Indels 0
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APPLICANT: Chun, Miyoung
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APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
APPLICANT: Chalmers, Derek T.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: No. US20030105292A1-Endogenous, Constitutively Activated Human G
TITLE OF INVENTION: Protein-Coupled
TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: US/9/170,496
PRIOR APPLICATION NUMBER: US/99/170,496
PRIOR FILING DATE: 1998-110-13
NUMBER OF SEQ ID NOS: 294
SEQ THARE: PatentIn version 3.1
SEQ ID NO 224
LENGTH: 403
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                                                                                                                                                                                                                                                                                                             136 TVSVERYVAILHPFRAKLQSTRRRALRILGIVWGFSVLFSLPNTSIHGIKFHYFPNGSLV 195
                                                                                                                                                                             76 PTNYYLFSLAVSDLLVLLLGMPLEVYEMWRNYPFLFGPVGCYFKTALFETVCFASILSIT 135
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                                                                                                           13 DP--EDLNLTDEALRLKYLGPQQTELFMPICATYLLIFVVGAVGNGLTCLVILRHKAMRT
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                                                                         17 DPFQKHLNSTREYLAF-LCGPRRSHFFLPVSVVYVPIFVVGVIGNVLVCLVILQHQAMKT
                          Gaps
                          'n
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  ; Pred. No. 1.8e-59;
42; Mismatches 54; Indels
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Publication No. US20030105292A1
GENERAL INFORMATION:
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     56.0%;
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     Best Local Similarity 56.0
Matches 126; Conservative
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US-10-251-385-224
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Matches 126; Conserv
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| Publication No. US20030105292A1
| CENERAL INFORMATION:
| APPLICANT: Deban, Dominic P. APPLICANT: Chalmers, Derek T. APPLICANT: Liaw, Chen W. TITLE OF INVENTION: No. US20030105292A1-Endogenous, Constitutively Activated Human G. TITLE OF INVENTION: Protein-Coupled FILE DEPERANCE: AREN-0040
| TITLE OF INVENTION: Receptors | PILE REPERANCE: AREN-0040 |
| CURRENT APPLICATION NUMBER: US/10/251,385 |
| CURRENT FILING DATE: 2002-09-20 |
| PRIOR APPLICATION NUMBER: US/09/170,496 |
| PRIOR PILING DATE: 1998-10-13 |
| NUMBER OF SEQ ID NOS: 294 |
| SEQ ID NO 114 |
| SEQ ID NO 114 |
| LENGTH: 403 |
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PRIOR FILING DATE: 2002-03-15
PRIOR FILING DATE: 2002-03-15
PRIOR PAPLICATION NUMBER: 60/373,861
PRIOR APPLICATION NUMBER: 60/376,287
PRIOR APPLICATION NUMBER: 60/376,287
PRIOR APPLICATION NUMBER: 60/389,080
PRIOR FILING DATE: 2002-06-12
PRIOR PLING DATE: 2002-06-13
PRIOR APPLICATION NUMBER: 60/394,130
PRIOR APPLICATION NUMBER: 60/394,130
PRIOR APPLICATION NUMBER: 60/394,797
PRIOR APPLICATION NUMBER: 60/394,797
PRIOR PLING DATE: 2002-07-10
PRIOR PLING DATE: 2002-07-10
PRIOR PLING DATE: 2002-08-13
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53.9%; Score 680.5; DB 12; Length
Best Local Similarity 56.0%; Pred. No. 1.8e-59;
Matches 126; Conservative 42; Mismatches 54; Indels
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US-10-251-385-114
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CRGANISM: Homo Sapiens
US-10-353-690-10
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DB 15;

Score 680.5;

53.9%;

Query Match

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PTNYYLFSLAVSDLLVLLLGMPLEVYEMWRNYPFLFGPVGCYFKTALFETVCFASILSIT 135
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       55 DP--EDLNITDBALRIKYLGPQOTELFMPICATYLLIFVVGAVGNGLTCLVILRHKAMRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   113 PTNYYLFSLAVSDLLVLLVGLPLELYEMWHNYPFLLGVGGCYFRTLLFEMVCLASVLNVT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 DPFQKHLNSTEEYLAF-LCGPRRSHFFLPVSVVYVPIFVVGVIGNVLVCLVILQHQAMKT
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                                                                                                                                                                                                                                                                                                                         ATTLE OF INVENTIONS NOTE AND POLYPEPTIDES
TITLE OF INVENTIONS NOTE AND POLYPEPTIDES
TILE REFERENCE: 21272-048
CURRENT PERLICATION NUMBER: 05/10/240,145
CURRENT FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR APPLICATION NUMBER: 09/669,618
PRIOR APPLICATION NUMBER: 09/695,618
PRIOR APPLICATION NUMBER: 09/695,618
PRIOR PILING DATE: 2000-09-22
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR PILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: NOT YET ASSIGNED
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Publication No. US20030235883A1

GENERAL INFORMATION:

TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

FILE REPERENCE: 21272-048

CURRENT FILING DATE: 2002-09-27

PRIOR FILING DATE: 2000-09-27

PRIOR PRIOR APPLICATION NUMBER: 09/649,167

PRIOR PRIOR APPLICATION NUMBER: 09/668,680

PRIOR PRILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: 09/668,680

PRIOR PRILING DATE: 2000-09-22

PRIOR PRILING DATE: 2000-09-22

PRIOR PRILING DATE: 2000-09-23
                      191 PDSAVCMLVRPRALYNMVVQTTALLFFCLPMAIMSVLYLLIGIRL 235
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                                                                                                                                                  RESULT 11
US-10-240-145-53
; Sequence 53, Application US/10240145
; Publication No. US20030235883A1
; GENERAL INFORMATION;
; APPLICANT: Hyseq, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
; ORGANISM: Homo sapiens
US-10-240-145-53
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APPLICANT: Roush, Christine L.

TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
FILE REFERENCE: 1920-4-4

CURRENT APPLICATION NUMBER: US/10/225,567A

CURRENT PILING DATE: 2001-12-19

PRIOR PILING DATE: 2000-12-19

NUMBER OF SEQ ID NOS: 2292

SOFTWARE: Patentin version 3.1

SEQ ID NO 540
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TITLE OF INVENTION: Hematological Disorders Using 232, 2059, 10630, 12848, 13875,
TITLE OF INVENTION: Hematological Disorders Using 232, 2059, 10630, 12848, 13875,
TITLE OF INVENTION: 14395, 14618, 17692 or 58874
FILE REFERENCE: MPISO01-288P1(M)
CURRENT APPLICATION NUMBER: US/10/290,078
CURRENT APPLICATION NUMBER: 2002-11-07
SOFTWARE: FALLING DATE: 2002-11-07
SOFTWARE: FASTSEQ for Windows Version 4.0
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56.0%; Pred. No. 1.8e-59;
iive 42; Mismatches 54
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 56.0
Matches 126; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo Sapien
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Best Local Similarity
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US-10-290-078-18
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US-09-804-551B-26

| Sequence 26, Application US/09804551B
| Patent No. US20020056151A1
| GENERAL INFORMATION:
| APPLICANT: Bayer Aktiengesellschaft
| TITLE OF INVENTION: Receptors for peptides from insects
| FILE REFERENCE: Le A 34 394
| CURRENT FILING DATE: 2001-03-12
| PRIOR APPLICATION NUMBER: US/09/804,551B
| OWNERN FILING DATE: 2000-03-18
| NUMBER OF SEQ ID NOS: 92
| SOFURARE: PatentIn Ver. 2.1
| SEQ ID NO 26
| LENGTH: 419
                                                                                                                                                                                                                   53.6%; Score 677.5; DB 12; Length
56.0%; Pred. No. 4e-59;
tive 41; Mismatches 55; Indels
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PRIOR APPLICATION NUMBER: 09/728,711
PRIOR FILING DATE: 2000-11-30
PRIOR FILING DATE: 2000-03-14
NUMBER OF SEQ ID NOS: 172
SOFFWARE: Custom
SEQ ID NO 139
LENGTH: 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : Drosophila melanogaster
                                                                                                                                                                                                                       Query Match
Best Local Similarity 56.0%
Matches 126; Conservative
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                                                                                                                                                                  ) ORGANISM: Homo sapiens
US-10-240-145-139
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Best Local Similarity
Matches 85; Conserva
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; ORGANISM: Dro
US-09-804-551B-26
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Sequence 17, Application US/10314076
Publication No. US2030152977A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
ITILE OF INVENTION: NOVEL HIMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY34, AND VARIANTS FILE REFERENCE: D0197NP
CURRENT APPLICATION NUMBER: US/10/314,076
CURRENT FILING DATE: 2002-12-06
PRIOR FILING DATE: 2001-12-06
PRIOR FILING DATE: 2001-12-06
Sequence 114, Application US/10270333

Sequence 114, Application US/10270333

Bentacation No. US20303092124A1

GENERAL INFORMATION:
TILE OF INVENTION: ISOLATED G-PROTEIN COUPLED RECEPTORS,
TILLE OF INVENTION: INCLEIC ACID MOLECTLES ENCODING GPCR PROTEINS, AND USES
TILLE REPRENCE: CLOO0733CON
TILLE OF INVENTION: THEREOF AS INSECTICIDAL TARGETS

FILE REPRENCE: CLOO0733CON
CURRENT PAPLICATION NUMBER: 60/10/270,333
CURRENT FILING DATE: 2002-10-15

PRIOR FILING DATE: 1999-12-03

PRIOR FILING DATE: 2000-01-12

PRIOR FILING DATE: 2000-01-13

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ilarity 37.9%; Pred. No. 1.6e-26;
Conservative 43; Mismatches 66;
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40.9%; Pred. No. 2.8e-33;
iive 49; Mismatches 62;
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ORGANISM: Drosophila melanogaster
US-10-314-076-17
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SOFWRARE: Patentin version 3.1
SEQ ID NO 17
LENGTH: 595
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Matches 85; Conservative
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Best Local Similarity
Matches 75; Conserval
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ORGANISM: Drosophila
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US-10-314-076-17
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Search completed: February 13, 2004, 19:46:05 Job time : 77 secs

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1 MEKLQNASWIYQQKLEDPFQ......LLPWTVISVLYYLMALRVSI 242
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/cgm2_6/ptcdata/2/iaa/5B_COMB.pep:*
/cgm2_6/ptcdata/2/iaa/6A_COMB.pep:*
/cgm2_6/ptcdata/2/iaa/6B_COMB.pep:*
/cgm2_6/ptcdata/2/iaa/egracOMB.pep:*
/cgm2_6/ptcdata/2/iaa/PcTTUS_COMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
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US-08-68-45
US-08-68-45
US-09-077-675-4-10
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US-09-077-675-13
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Maximum Match 100%
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Perfect score:
Sequence:
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Maximum DB
                                                                                                                           OM protein
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                                                                                                                                                                                   Run on:
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No.
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Sequence 2, Appli Sequence 20, Appli Sequence 2, Appli Sequence 25, Appli Sequence 26, Appli Sequence 29, Appli Sequence 29, Appli Sequence 27, Appli Sequence 27, Appli Sequence 28, Appli Sequence 8, Appli Sequence 6, Appli		7TM RECEPTOR METHODS THEREOF	Length 415; ; Indels 0; Gaps 0;	SHFFLPVSVVYVPIFVVGVIGN 60	EVYEMWRNYPFLFGPVGCYFKT 120 EVYEMWRNYPFLFGPVGCYFKT 123	ALFETVCFASILSITTVSVERYVAILHPFRAKLOSTRRRALRIGIVWGFSVLFSLPNTS 180
US-09-351-198-2 US-09-113-426-2 US-08-405-271A-20 US-08-18-275A-2 US-09-761-962A-25 US-09-761-962A-29 US-09-761-962A-29 US-09-761-962A-29 US-09-761-962A-29 US-09-761-962A-29 US-09-761-962A-27 US-09-761-962A-28 US-09-761-962A-28 US-09-761-962A-28 US-09-761-962A-28 US-08-889-108-8 US-08-889-103-6 US-08-817-103-6 US-08-417-103-6 US-08-417-103-6 US-09-341-4468-6	ALIGNMENTS	CLONING OF A AND SCREENING (09/545, 944 to 10 to	; Score 1252; DB 4; ; Pred. No. 3.8e-107 1; Mismatches 0	MEKLONASWIYQQKLEDPFQKHLNSTEEYLAFLCGPRRSHFFL 	VLVCLVILQHQAMKTPTNYYLFSLAVSDLLVLLLGMPLEVYEMWRNYPFLFGFVGCY 	SVERYVAILHPFRAKLQSTRR
00000000000000000000000000000000000000		tion US/09 RBAGY, NAB RBAGY, NAB OVICH, DAV HENRY , USMAN , USMAN , USMAN , ILSA , MOLECUL , (AXOR34) , MOLECUL , (AXOR34) , MOLECUL , (AYOR34) , (AY	99.1% 99.6% ative	meklonaswiyookledp 	LVILQHQAMKTPTI LVILQHQAMKTPTI	TVCFASILSITTV(
22222222222222222222222222222222222222		SULT 1 -09-545-944-2 Sequence 2. Application US/I Sequence 2. Application US/I Setent No. 6461836 GENERAL INFORMATION: APPLICANT: AMES, ROBERT APPLICANT: ELSHOURBGY, NAPPLICANT: STARAU, HENRY APPLICANT: SHARO, USMAN APPLICANTON: MOLECI CURRENT APPLICATION NUMBER: CURRENT APPLICATION NUMBER: PRIOR APPLICATION NUMBER	Query Match Best Local Similarity Matches 239; Conserv	1 MEKL	61 VLVC 64 VLVC	121 ALFE 24 ALFE
00000000000000000000000000000000000000		RESULT 1 US-09-54 Sequent Sequent Septemble Se	Quer Best Matc	è 8	8	Sy Ag

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RESULT 2 US-09-170-496D-114 ; Sequence 114, Application US/09170496D

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102 EMWRNYPFLPGPVGC---YFKTALFETVCFASILSITTVSVERYVAILHPFRAKLQSTRR 158
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Patent No. 508384

GENERAL INFORMATION:
APPLICANT: Murphy, Randall B.
APPLICANT: Schuster, David I.
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF NUMBER OF SEQUENCES: 348
CORRESPONDENCE ADDRESS:
ADDRESSES: ADDRESS:
ADDRESSES: ADDRESSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24.1%; Score 304; DB 1; Length 353; 33.3%; Pred. No. 2.5e-20;
                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/118,270
FILING DATE: 09-SEP-1993
RIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/943,236
FILING DATE: 10-SEP-1992
ATTORNEY/AGENT INPORMATION:
NAME: TOOMSEN, Kevin G.
REGISTRATION NUMBER: 34,033
REFERENCE/DOCKET NUMBER: MURPHY=2A
                                                                                                                                                                                                                                                                                                                                                                                                E: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  49; Mismatches
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FMSFLFPMLVISILNTVIANKLTV 199
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TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              353 amino acids
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: si
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Best Local Similarity
Matches 68; Conserv
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                                                                                                                                                                                          US-08-118-270-45
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CITY: Wa
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APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
                                                                                                     TITLE OF INVENTION: NO. 6555339-Endogenous, Constitutively Activated Human G Protein-TITLE OF INVENTION: Receptors
TITLE OF INVENTION: Receptors
FILE REPERENCE: AREN 0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOUTHARR: Patentin version 3.1
SEQ ID NO 114
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                                                                                                                                                                                                                                                                                                                                                                               53.9%; Score 680.5; DB 4
56.0%; Pred. No. 8.8e-55;
ive 42; Mismatches 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/170,496D CURRENT FILING DATE: 1998-10-13 NUMBER OF SEQ ID NOS: 294 SOFTWARE: Patentin version 3.1 SEQ ID NO 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 224, Application US/09170496D Patent No. 6555339
                           GENERAL INFORMATION:
APPLICANT: Behan, Dominic P.
APPLICANT: Chalmers, Derek T.
APPLICANT: Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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US-09-170-496D-224
                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
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US-09-170-496D-224
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Matches 12
                Patent No.
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Sequence 4, Application US/09472880
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Pascual FERRARA
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GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Vita NATALIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                          STATE: D
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RALRILGIVWGFSVLFSLPNTSIHGIKFHYFPNGSLVPGSATCTVIKPMMIYNFIIQVTS 218
RESULT 5
PCT-US33-08528-45
; Sequence 45, Application PC/TUS9308528
GENERAL INFORMATION:
APPLICANT: New York University
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: POLYPEPTIDES OF G-COUPLED PROTEIN
TITLE OF INVENTION: RECEPTORS, AND COMPOSITIONS AND METHODS THEREOF
NUMBER OF SEQUENCES: 348
CORRESPONDENCE ADDRESS:
ADDRESSE: BROWDY AND NEW, Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             102 EMWRNYPFLFGFVGC---YFKTALFETVCFASILSITTVSVERYVAILHPFRAKLQSTRR 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          118 RTKKFISAIWIASALIAIPMLFTLGLQNR--SGDGTHPGGLVCTPIVDTATVKVVIQVNT 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4 VTAIYLALFVVGTVGNSVTAFTLARKKSLQSLQSTVHYHLSSLALSDLLILLW---VELY 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24.1%; Score 304; DB 5; Length 353; 33.3%; Pred. No. 2.5e-20; ive 49; Mismatches 73; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FLFYLLPMTVISVLYYLMALRVSI 242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALON
APPLICANT: Pascual FERRARA
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INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 353 amino acids
TYPE: amino acids
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Best Local Similarity 33.33
Matches 68; Conservative
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MOLECULE TYPE: peptide
PCT-US93-08528-45
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96 WSHYPWVFGDLGCRGYYF---VRELCAYATVLSVASLSAERCLAVCQPLRARRLLTPRRT 152
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Best Local Similarity 35.3%; Pred. No. 3.8e-18;
Matches 72; Conservative 40; Mismatches 78; Indels 14; Gaps
                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 20004
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERAING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/858,876A
FILING DATE: 19-SEP-1997
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 17-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTAATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
TOWATH: 416 amino acids
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CORRESPONDENCE ADDRESS:
ADDRESSE: Jacobson, Price, Holman & Stern, PLLC
STREET: 400 Seventh Street
CITY: Washington
STATE: D.C.
COUNTRY: USA
TITLE OF INVENTION: Type 2 Neurotensin Receptor TITLE OF INVENTION: (hNT-R2) NUMBER OF SEQUENCES: 12 CONRESPONDENCE ADDRESS: ADDRESSE: Aacobson, Price, Holman & Stern, PLLC STREET: 400 Seventh Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Type 2 Neurotensin Receptor (hNT-R2)
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------LVPGSATCTVIKPMWIYNF 212
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      45 VSVVYVPIFVVGVIGNVLVCLVILQHQAMKTPTNYYLFSLAVSDLLVLLLGMPLEVYEMW 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 46 VIATCVALEVVGIAGNLIIMLVVSRFRELRITTNLYLSSMAFSDLLIFLC-MPLDLVRLW 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   105 RNYPFLFGPVGCYFKTALFETVCFASILSITTVSVERYVAILHPFRAKLOSTRRRALRIL 164
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21.9%; Score 277; DB 3; Length 289;
Best Local Similarity 31.7%; Pred. No. 5.9e-18;
Matches 66; Conservative 47; Mismatches 69; Indels
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                                                                                                             NAME: Cocuzzo, Anna L. REGISTRATION NUMBER: 42,452 REPERENCE/DOCKET NUMBER: 19590P TELECOMUNICATION: TRIEPHONE: 732-594-1273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10, Application US/09077674
Patent No. 6531314
                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 289 amino acida
                                                                                                                                                                                                                           TELEFAX: 732-594-4720
TELEX:
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MOLECULE TYPE: protein
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ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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CURRENT APPLICATION DATA:

- APPLICATION NUMBER: US/09/472,880

FILING DATE: 28-Dec-1999

CLASSIFICATION NATA:

PRIOR APPLICATION NATA:

APPLICATION NATA:

APPLICATION NATA:

APPLICATION NATA:

APPLICATION NUMBER: DCT/FR 9723204

FILING DATE: 17-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Player, William E.

REGISTRATION NUMBER: 31,049

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 22.2%; Score 281; DB 3; Length 416; Best Local Similarity 35.3%; Pred. No. 3.8e-18; Matches 72; Conservative 40; Mismatches 78; Indels
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APPLICANT: Howard, Andrew D.
APPLICANT: Howard, Andrew D.
APPLICANT: Pong, Sheng-shung
APPLICANT: Van Der Ploeg, Leonardus H.T.
TITLE OF INVENTION: RECEPTOR ASSAY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
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ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECTLE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 4: US-09-472-880-4
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FILING DATE: 3-JUN-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 416 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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STATE: Nu
COUNTRY: USA
TP: 07065-0900
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45 VSVVYVPIFVVGVIGNVLVCLVILQHQAMKTPTNYYLFSLAVSDLLVLLLGMPLEVYEMW 104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Arena, Joseph P.
APPLICANT: Cully, Doris F.
APPLICANT: Feighner, Scott D.
APPLICANT: Howard, Andrew D.
APPLICANT: Liberator, Paul A.
APPLICANT: Liberator, Paul A.
APPLICANT: Liberator, Paul A.
APPLICANT: Uson Der Ploeg, Leonardus
TITLE OF INVENTION: GROWTH HORMONE SECRETAGOGUE RECEPTOR FAMILY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & CO., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 361;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                69; Indels
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ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,674
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 21.9%; Score 277; DB 3; Best Local Similarity 31.7%; Pred. No. 7.5e-18; Matches 66; Conservative 47; Mismatches 69
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                               19590P
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Patent No. 6531314
42,452
                        REFERENCE/DOCKET NUMBER: 19
TELECOMOUNICATION INFORMATION:
TELEPHONE: 732-594-1273
TELEFRAX: 732-594-4720
                                                                                                                                                           TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 361 amino acids
TYPE: amino acid
STRANDEDNESS: single
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REGISTRATION NUMBER: 42,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 3-JUN-199
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: protein
REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-077-675A-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  105 RNYPFLFGPVGCYFKTALFETVCFASILSITTVSVERYVAILHPFRAKLQSTRRRALRIL 164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : |: || : | : |: : |: : |: : | : || 1 || || || || || || 1 || || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 || 1 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21.9%; Score 277; DB 4; Length 289; 31.7%; Pred. No. 5.9e-18; tive 47; Mismatches 69; Indels ;
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STREET: P.O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,675A
FILLING DATE: 3-JUN-1998
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APPLICANT: Pai, Lee Yuh
APPLICANT: Peighner, Scott C.
APPLICANT: Howard, Andrew D.
APPLICANT: Howard, Andrew D.
APPLICANT: You Der Ploeg, Leonardus H.T.
TITLE OF INVENTION: RECEPTOR ASSAY
HUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        165 GIVWGFSVLFSLPNTSIHGIKFHYFPNGS----
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Patent No. 6242199
                                                 ATTOWNEY AGENT INFORMATION:
NAME: COCUZZO, ALINA L.
REGISTRATION NUMBER: 42,452
REPRENCE/DOCKET NUMBER: 1958
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-1273
TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                TELEX:
INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
LENGTH: 289 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Cocuzzo, Anna L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 31.79
Matches 66; Conservative
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ZIP: 07065-0900
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
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APPLICATION NUMBER:
                                      FILING DATE:
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US-09-077-675A-8
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213 IIQVTSFLFYLLPMTVISVLYYLMALRV 240
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Patent No. 6531314
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NAME: Cocuzzo, Anna L.
REGISTRATION NUMBER: 42,452
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-1273
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                       366 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 3.-010.199
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 366 amino acid
                                                                        STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RY: USA
07065-0900
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COUNTRY:
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CITY: Ra
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                                                                                                                                                                                                                                                                                                                                                      45 VSVVYVPIFVVGVIGNVLVCLVILQHQAMKTPTNYYLFSLAVSDLLVLLLGMPLEVYEMW
                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                             26;
                                                                                                                                                                                                                                                   Query Match 21.9%; Score 277; DB 4; Length 361; Best Local Similarity 31.7%; Pred. No. 7.5e-18; Matches 66; Conservative 47; Mismatches 69; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NJ
COUNTRY: USA
ZIP: 07065-0900
COMPUTER READBRIE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRSLEEG FOR Windows Version 2.0
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,675A
FILING DATE: 3-UNN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Merck & Co., Inc.
P.O. Box 2000, 126 E. Lincoln Ave.
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US-09-077-675A-13
Sequence 13, Application US/09077675A
FREED NO. 6242199
GENERAL INFORMATION:
APPLICANT: Pai, Lee-Yuh
APPLICANT: Peighner, Scott C.
APPLICANT: Pong, Sheng-Shung
APPLICANT: Van Der Ploeg, Leonardus H.T.
TILLE OF INVENTION: RECEPTOR ASSAY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSE: Merck & Co., Inc.
STREET: P.O. Box 2000, 126 E. Lincoln Ave
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       165 GIVWGFSVLFSLPNTSIHGIKFHYFPNGS---
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TILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: COCUZZO, Anna L.
REGISTRATION NUMBER: 42,452
REFERENCE/DOCKET NUMBER: 1959C
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: 732-594-1273
       PELECOMMUNICATION INFORMATION
                                       TELERAX: 732-594-4720
TELERAX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 361 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                           ; TOPOLOGY: linear;
; MOLECULE TYPE: protein
US-09-077-674-8
                             TELEPHONE:
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46 VTATCVALFVVGIAGNLJTMLVVSRFRELRTTTNLYLSSWAFSDLJFLC-MPLDLVRLW 104
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                                                                                                                                                                                                                                                             --- LVPGSATCTVIKPMWIYNF 212
                                                                                                                                                                                                                                                                                                                                                                           45 VSVVYVPIEVVGVIGNVLVCLVILQHQAMKTPTNYYLFSLAVSDLLVLLLGMPLEVYEMW 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Arena, Joseph P.
APPLICANT: Cully, Doris F.
APPLICANT: Feighner, Scott D.
APPLICANT: Howard, Andrew D.
APPLICANT: Howard, Andrew D.
APPLICANT: Schaeffer, James M.
APPLICANT: Schaeffer, James M.
APPLICANT: Van Der Ploeg, Leonardus
TITLE OF INVENTION: GROWTH HORMONE SECRETAGOGUE RECEPTOR FAMILY
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STEERT: P.O. Box 2000, 126 E. Lincoln Ave.
                                                            Gaps
                                                            26;
Query Match
21.9%; Score 277; DB 3; Length 366;
Best Local Similarity 31.7%; Pred. No. 7.6e-18;
Matches 66; Conservative 47; Mismatches 69; Indels
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                                                                                                                                                                                                                                                                                                                                                 165 GIVWGFSVLFSLPNTSIHGIKFHYFPNGS----
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TYPE: PRT
CRGANISM: Homo sapiens
US-09-170-496D-210
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APPLICANT: Chalmers, Derek T.
TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT FILING DATE: 198-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                  165 FVIWAVAFCSAGPIFVLVGVEHE---NGTDPWDTNECRPTEFAVRSGLLTVM---WV--- 216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GIVWGFSVLFSLPNTSIHGIKPHYFPNGS------LVPGSATCTVIKPMMIYNF 212
                                                                                                                                                                                                                         45 VSVVYVPIFVVGVIGNVLVCLVILQHQAMKTPTNYYLFSLAVSDILVLLLGMPLEVYEMW 104
                                                                                                                                                                                                                                                RNYPFLFGPVGCYFKTALFETVCFASILSITTVSVERYVAILHPFRAKLQSTRRRALRIL 164
                                                                                                                                                                                                                                                                                                                                                                                         ----LVPGSATCTVIKPMMIYNF 212
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                                                                                                                                                                                   Gaps
                                                                                                                                                                                     26;
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                                                                                                                                    ch 21.9%; Score 277; DB 4; Length 366; 1 Similarity 31.7%; Pred. No. 7.6e-18; 66; Conservative 47; Mismatches 69; Indels
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31.7%; Pred. No. 7.6e-18;
ive 47; Mismatches 69
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US-09-170-496D-210
; Sequence 210, Application US/09170496D
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US-09-170-496D-88
; Sequence 88, Application US/09170496D
; Eatent No. 6555339
; GENERAL INFORMATION:
LENGTH: 366 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 31.7<sup>3</sup>
Matches 66, Conservative
                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-077-674-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-170-496D-88
                                                                                                                                             Query Match
Best Local S.
Matches 66
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GENERAL INCOMPATION:
APPLICANT: Belan, Dominic P.
APPLICANT: Belan, Dominic P.
APPLICANT: Belan, Dominic P.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein
TITLE OF INVENTION: Receptors
FILE REFERENCE: AREN-0040
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT APPLICATION NUMBER: US/09/170,496D
CURRENT FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 294
SOFTWARE: Patentin version 3.1
SEQ ID NO 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 366;
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31.7%; Pred. No. 7.6e-18;
live 47; Mismatches 69; Indels
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Job time : 46 secs
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Best Local Similarity 31.74
Matches 66; Conservative
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